



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

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IHM LICENSES, LLC  
7136 S. YALE AVENUE  
SUITE 501  
TULSA OK 74136

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Deborah Price  
Supr Applications Examiner  
Audio Division  
Media Bureau

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Facility ID: 53969

Grant Date: November 05, 1987

Call Sign: WRFF

This permit expires 3:00 a.m.  
local time, May 05, 1989.

Permit File Number: BPH-19861230ID

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: IHM LICENSES, LLC

Station Location: PA-PHILADELPHIA

Frequency (MHz): 104.5

Channel: 283

Class: B

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Not Reported

Antenna Coordinates: North Latitude: 40 deg 02 min 30 sec  
 West Longitude: 75 deg 14 min 24 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	16.0	16.0
Height of radiation center above ground (Meters):	267	267
Height of radiation center above mean sea level (Meters):	334	334
Height of radiation center above average terrain (Meters):	266	266

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 333 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

- 1 BEFORE PROGRAM TESTS COMMENCE, SUFFICIENT MEASUREMENTS SHALL BE MADE TO ESTABLISH THAT THE OPERATION AUTHORIZED IN THIS CONSTRUCTION PERMIT IS IN COMPLIANCE WITH THE SPURIOUS EMISSIONS REQUIREMENTS OF SECTIONS 73.317(B) THROUGH 73.317(D) OF THE COMMISSION'S RULES. ALL MEASUREMENTS MUST BE MADE WITH STATIONS WSNI-FM AND WDAS SIMULTANEOUSLY UTILIZING THE SHARED E.R.I. DUAL POLARIZED 2-BAY FM ANTENNA. THESE MEASUREMENTS SHALL BE SUBMITTED TO THE COMMISSION ALONG WITH THE FORM 302 APPLICATION FOR LICENSE.

\*\*\* END OF AUTHORIZATION \*\*\*